UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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EXAMINER
NGUYEN, CAM LINH T

ART UNIT	PAPER NUMBER
2161	

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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

	Application No.	Applicant(s)
Office Action Summary	10/764,182	SUNDMAN ET AL.
	Examiner	Art Unit	
	CamLinh Nguyen	2161	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on <u>26 April 2007</u>.

2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-32* is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-32* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO/SB/08)
    Paper No(s)/Mail Date _____.

4) ☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____.
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____.

DETAILED ACTION

1.   A request for continued examination under 37 CFR 1.114, including the fee set forth in

37 CFR 1.17(e), was filed in this application after final rejection. Since this application is

eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e)

has been timely paid, the finality of the previous Office action has been withdrawn pursuant to

37 CFR 1.114. Applicant's submission filed on 4/26/2007 has been entered.

2.   Applicant's amendments to claims 1 – 32 are acknowledged. Consequently, claims 1 – 32

are currently pending for further processing.

Claim Rejections - 35 USC § 103

3.   The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in
> section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are
> such that the subject matter as a whole would have been obvious at the time the invention was made to a person
> having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the
> manner in which the invention was made.

4.   Claims 1 – 32 are rejected under 35 U.S.C. 103(a) as being unpatentable over Bhatt et al

(U.S. 2004/0252121 A1) in view of Fong et al (U.S. 2004/0064456 A1).

♦ As per claims 1, 17, 25, 30

Bhatt discloses a method/ system/ apparatus comprising:

-   " A query engine" (Fig. 5, element 15 of Bhatt) to " Receiving a data access query that

    combines a structured query language (SQL) clause with output related characteristics of

an output data chart into a statement, the data access query being provided by a first user"

See Fig. 12, page 6, paragraph 0064 of Bhatt. In particular:

- "A data access query" corresponds to "a database query" (page 6, paragraph 0064 of Bhatt).

- A structured query language (SQL) (See page 8, paragraph 0075 of Bhatt). As defined in the Specification, page 20, paragraph 0067, "the output related characteristics are associated with corresponding data elements in the SELECT clause. In the instant reference, Bhatt disclose a method for predefined a chart using SQL query. The SQL query must include clause such as SELECT clause and is used to retrieved chart data. Therefore, the query in Bhatt is a query that combines a structured query language (SQL) clause with output related characteristics of an output data chart into a statement.

- Output related characteristics of an output data chart corresponds to the data chart that going to be retrieved from the DB (Fig. 12, page 6, paragraph 0064 of Bhatt).

- "The data access query being provided by a first user" corresponds to the user that provided the query at the design time (Fig. 12 of Bhatt).

- " Building the output data chart for a second user using the data access query" See Fig. 10, and 12 of Bhatt. Bhatt teaches that the predefined chart is created and stored in the database (Fig. 12) and a second user (the user at run time in Fig. 10) would retrieve the predefined chart using the database query associated with the chart (Fig. 10).

Bhatt does not clearly teach "the output related characteristics including a definition of the output data chart". However, this is a well-known technique in the art. Fong provided an example. Fong

teaches "the function of SQL for multi-dimension query is enhanced by adding the x/Y

dimension column to describe the dimension condition (paragraph 0100 of Fong). It would have

been obvious to one with ordinary skill in the art at the time the invention was made to apply the

teaching of Bhatt because both invention are in the same field of endeavor, and the combination

would provide the user more flexible on the way to display data retrieving from the database.

♦ As per claims 2, 18, 26, 31, Bhatt and Fong discloses:

- " Wherein the first user is familiar with a database model of a database being queried and

  the second user is not familiar with the database model of the database being queried".

  There are different users in the Bhatt system, one is for design time and one is for run

  time. Therefore, the user in the design time must be familiar with the data model and the

  second user (run time) does not have to be familiar with the database model.

♦ As per claims 3, 19, 27, 32, Bhatt and Fong discloses:

- " Wherein the output data chart is one selected from the group consisting of a graph and a

  grid" See Fig. 1 – 4, paragraphs 0021 – 0025 of Bhatt.

♦ As per claims 4, 20, 28, Bhatt and Fong discloses:

- " Wherein the output data chart includes related characteristics selected from the group

  consisting of one or more dimension elements of the output data chart … data chart" See

  paragraphs 0100 – 0101 of Fong.

♦ As per claims 5, 21, 29, Bhatt and Fong discloses:

- " Wherein the data access query provides associations between database elements

  contained in the SQL clause with corresponding output related characteristics". Because

  the query specifies the output related characteristics that stored in the database elements,

the data access query (database query) must provides associations between database

elements contained in the data access query with corresponding output related

characteristics.

♦ As per claims 6, Bhatt and Fong discloses:

- " Further comprising providing an access query user interface to assist the first user"

  corresponds to the interface that allows the user to create the chart (See Fig. 5 – 9,

  paragraph 0034 of Bhatt).

♦ As per claims 7, 22, Bhatt and Fong discloses:

- " Extracting an SQL statement ... syntax" See Fig. 10, 12, paragraphs 0056 – 0057.

♦ As per claims 8 - 12, 23 – 24, Bhatt discloses:

The limitations of these claims have been noted in the rejection of the above claims.

Determine and create a particular chart based on user input (Fig. 6- 9, 12 of Bhatt), they are

therefore, rejected as set forth above.

♦ As per claim 13, Bhatt and Fong discloses:

- " Making the output data chart available for integration into a personalized web page of

  the second user" See Fig. 5, paragraph 0030 wherein the client device can be a mobile

  device.

♦ As per claim 14, Bhatt and Fong discloses:

- " Restricting access to the output data chart to employee of a certain business division"

  See Fig. 5, wherein the user must login and enter the password in order to access the

  server through the network 20. Therefore, the system must restrict the access to the

  output data chart to employee of a certain business division.

♦ As per claims 15 - 16, Bhatt and Fong discloses:

- These limitations are disclosed in Fig. 6, Fig. 12, and paragraph 0046 of Bhatt.

Response to Arguments

5.   Applicant's arguments with respect to claims 1 - 32 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

6.   The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

- Srinivasan et al (U.S. 2005/0102284 A1) discloses a dynamic graphical user interface and query logic SQL generator used for developing web-based database applications.

7.   Any inquiry concerning this communication or earlier communications from the examiner should be directed to CamLinh Nguyen whose telephone number is (571) 272 - 4024. The examiner can normally be reached on Monday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jeffrey Gaffin can be reached on (571) 272 - 4146. The fax phone number for the organization where this application or proceeding is assigned is 571 – 273 - 8300.

Information regarding the status of an application may be obtained from the Patent

Application Information Retrieval (PAIR) system. Status information for published applications

may be obtained from either Private PAIR or Public PAIR. Status information for unpublished

applications is available through Private PAIR only. For more information about the PAIR

system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR

system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Nguyen, Cam-Linh

Art Unit 2161

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